



Missouri Department of Health and Senior Services

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Richard C. Dunn
Director



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TO: Missouri Local Public Health Agencies, Missouri U.S. Influenza Sentinel Surveillance Physicians, and Stakeholders

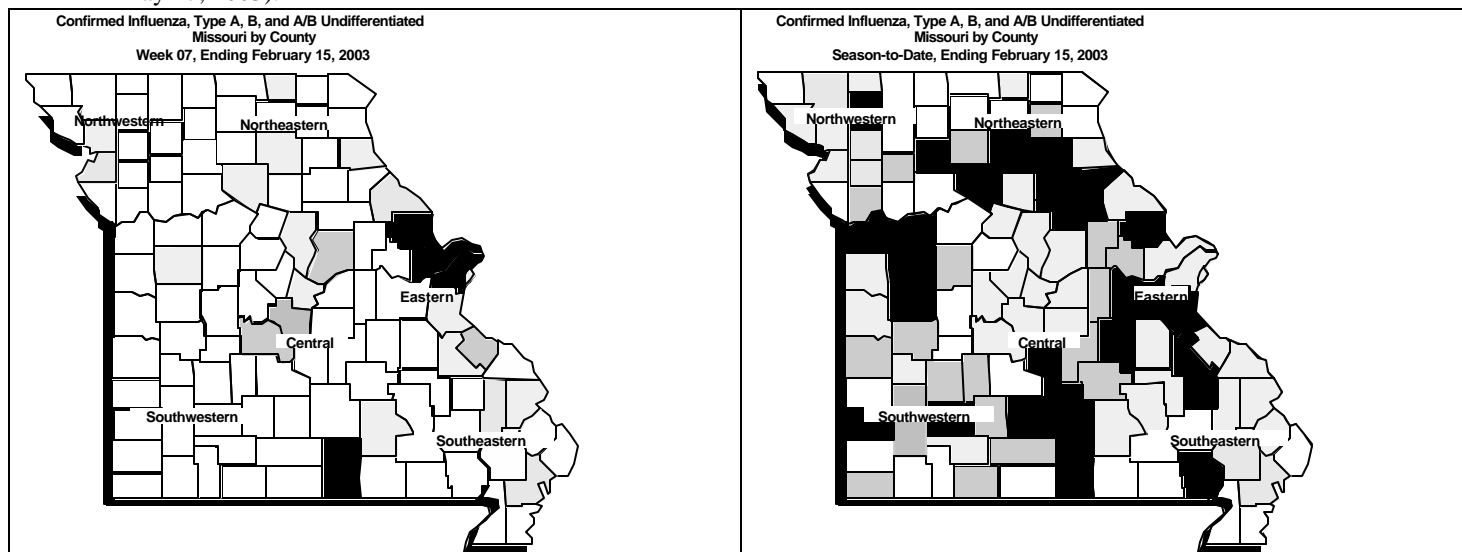
FROM: Libby A. Landrum, R.N., M.S.N., Influenza Coordinator
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Section for Communicable Disease Prevention

SUBJECT: Weekly Missouri Influenza Report, 2002-2003 Season
(All data in this report are provisional and may change as reports are updated.)

DATE: February 20, 2003
Missouri is reporting "regional influenza activity" to the Centers for Disease Control and Prevention.

Reported Laboratory Confirmed Cases by Sub-type For the Week Ending February 15, 2003 (Week 07)						
Serogroups	A (non- typed)	A (H3N2)	A (H1N1)	B	A or B Untyped (rapid test)	Total
Week 07	29	1	1	25	52	108
Season-to-Date*	125	1	1	780	1,559	2,466

*The influenza season begins with week 40 (week ending October 5, 2002) and ends with week 20 (week ending May 17, 2003).



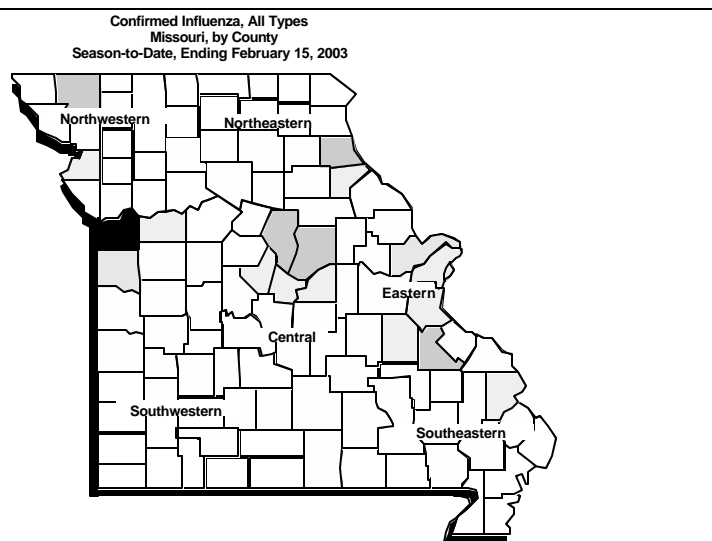
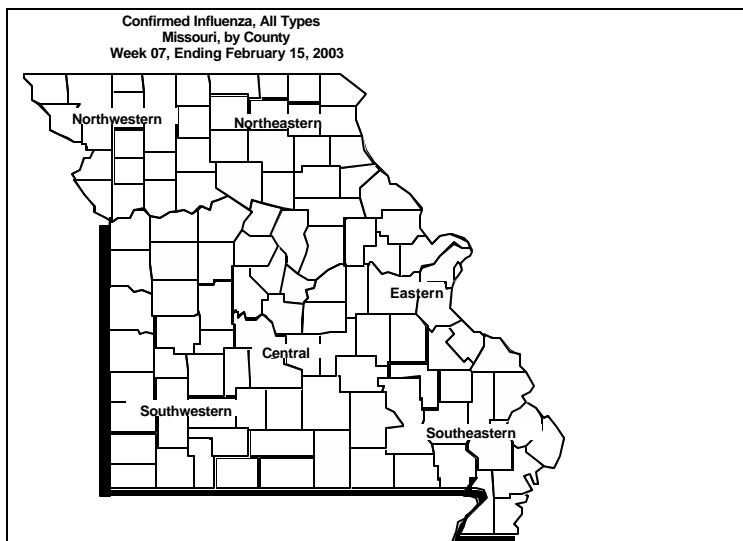
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www.dhss.state.mo.us

The Missouri Department of Health and Senior Services protects and promotes quality of life and health for all Missourians by developing and implementing programs and systems that provide: information and education, effective regulation and oversight, quality services, and surveillance of diseases and conditions.

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER: Services provided on a nondiscriminatory basis.



	1 - 25		101 - 200
	26 - 50		201 - 300
	51 - 100		300 +

	1 - 25		101 - 200
	26 - 50		201 - 300
	51 - 100		300 +

Clusters/Outbreaks of Influenza-like Illness							
For the Week Ending February 15, 2003 (Week 07)							
Health District	Central	Eastern	NW	SE	SW	Season-to-date	Last Year Season-to-date
School Closings	0	0	0	0	0	202	6
Community Outbreaks	0	0	0	0	0	4	3
Long Term Care or Institutional Outbreaks	0	0	0	0	0	3	10
Other Outbreaks	0	0	0	0	0	0	0
Season-to-Date	51	9	81	23	45	209	19

Pneumonia and Influenza (P&I) Deaths			
For the Week Ending February 08, 2003 (Week 06)			
Week 06	Season-to-Date	Week 06 Last Season	10 Year Weekly Median
90	552	29	66*

* Prior to 1999, P&I data were collected from week 46 through week 17; therefore, the ten-year median will be noted only during those weeks.

U.S. Influenza Sentinel Physicians Surveillance Network (US ISPSN)						
Influenza-like Illness (ILI) for the Week Ending February 08, 2003 (Week 06)						
Age 0-4	Age 5-24	Age 25-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
14	35	15	4	68	2,23	2.40%*

*This percentage is above the national baseline of 1.9%. Data received through the US ISPSN indicates that the percent ILI has been above the national baseline during week 45 (2.03%), week 48 (2.20%), week 49 (2.41%), week 50 (2.08%), week 51 (2.30%), week 52 (4.09%), week 01 (4.22%), week 02 (2.96%), week 03 (4.67%), week 04 (3.51%), and week 05 (3.50%).

Respiratory Specimens Submitted to SPHL for Viral Testing							
For the Week Ending February 15, 2003 (Week 07)							
	Positive Specimens						Total Number Specimens Submitted
	Influenza	Para- influenza	Respiratory Syncytial Virus (RSV)	Adeno- virus	Rhino- virus	Entero- virus	
Week 07	12	0	0	0	0	0	8
Season-to-Date	70	3	0	2	0	3	192

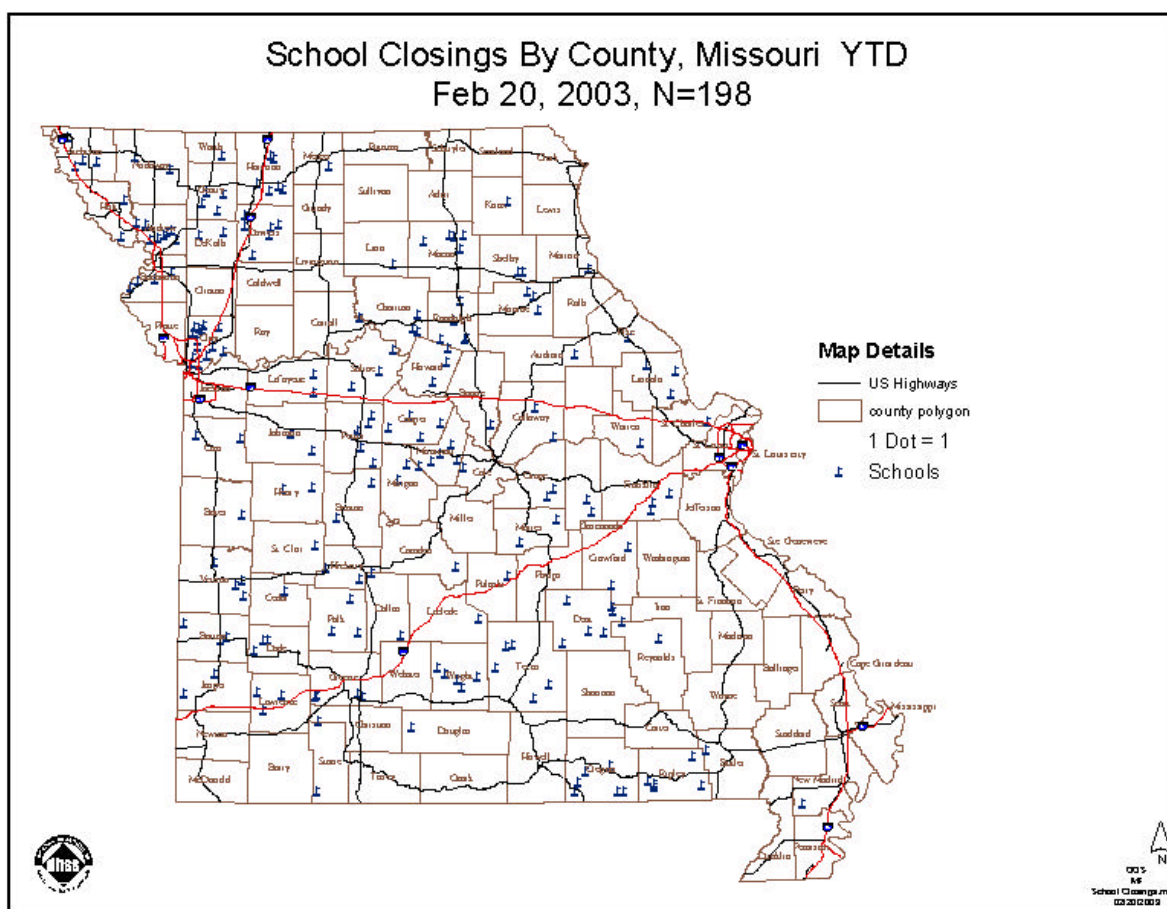
CDC antigenically characterizes a sample of positive Missouri influenza isolates, submitted through the Missouri Department of Health and Senior Services (DHSS), State Public Health Laboratory (SPHL). DHSS has received the results on two Missouri isolates. The isolates were antigenically similar to that of the reference strain influenza B/Hong Kong/330/2001. Influenza B/Hong Kong/330/2001 was the recommended B component of the 2002-03 influenza vaccine.

Sources of Data: Laboratory confirmed cases are reported to the Missouri Department of Health and Senior Services (DHSS) passive communicable disease surveillance system through the disease registry. Suspected influenza clusters and outbreaks are reported through the active surveillance system. Pneumonia and influenza deaths are reported through the DHSS Bureau of Vital Records. Influenza-like illness data by age category and total number of patient visits by week are reported voluntarily by participants in the U.S. Influenza Sentinel Physicians Surveillance Network.

This report may also be found on the DHSS Internet at: www.dhss.state.mo.us/Influenza/index.html. National influenza surveillance information is available from the Centers for Disease Control and Prevention at: www.cdc.gov/ncidod/diseases/flu/weekly.htm

The Missouri Department of Health and Senior Services after hours number for reporting disease cases and emergencies is 1-800-392-0272.

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*Due to incomplete data, four school closures are omitted from the map.
School Closing Map submitted by Michael Fobbs, Epidemiology Specialist